

**WHAT IS CLAIMED IS:**

- 1           1. A locking device in combination with a telescopic tube assembly,  
2           the telescopic tube assembly comprising:  
3                 an outer tube; and  
4                 an inner tube slidably received in the outer tube and having multiple  
5           adjusting recesses defined in an outer periphery of the inner tube;  
6           the locking device comprising:  
7                 an enclosure partially securely mounted on a peripheral edge of the  
8           outer tube and having a lever pivotally connected to the enclosure; and  
9                 a positioning rod securely connected to a side of the lever to be driven  
10          by the lever and having a head formed on a free end of the positioning rod to  
11          correspond to one of the adjusting recesses of the inner tube such that pivotal  
12          movement of the lever is able to drive the head of the positioning rod to  
13          selectively move away from the corresponding adjusting recess to allow the  
14          inner tube to move relative to the outer tube.  
15          2. The locking device in combination with a telescopic tube assembly as  
16          claimed in claim 1, wherein the locking device further has:  
17                 a second space defined in the enclosure to be opposite to the first space to  
18          receive therein an abutting block to engage with the outer periphery of the inner tube;  
19                 a bolt screwingly extended through the enclosure to abut an outer periphery of  
20          the abutting block to force the abutting block to engage with the outer periphery of the  
21          inner tube so as to secure position of the inner tube relative to the outer tube.  
22          3. The locking device in combination with a telescopic tube assembly as  
23          claimed in claim 2, wherein the enclosure has a first hole in communication with the

1 first space to receive therein the positioning rod such that the positioning rod is able to  
2 move inside the first hole and a second hole in communication with the second space to  
3 allow an extension of the bolt into the second space.

4 4. The locking device in combination with a telescopic tube assembly as  
5 claimed in claim 2, wherein a spring is mounted around the positioning rod to provide a  
6 recoil force to the positioning rod to return the positioning rod to its original position  
7 after being driven by the lever to leave the corresponding adjusting recess.

8 5. The locking device in combination with a telescopic tube assembly as  
9 claimed in claim 3, wherein a spring is mounted around the positioning rod to provide a  
10 recoil force to the positioning rod to return the positioning rod to its original position  
11 after being driven by the lever to leave the corresponding adjusting recess.

12 6. The locking device in combination with a telescopic tube assembly as  
13 claimed in claim 4, wherein the inner tube has a guiding groove defined in the outer  
14 periphery of the inner tube along a longitudinal axis and the enclosure has a guide  
15 formed on an inner face of the enclosure to be received in the guiding groove such that  
16 movement of the inner tube relative to the outer tube is smooth.

17 7. The locking device in combination with a telescopic tube assembly as  
18 claimed in claim 5, wherein the inner tube has a guiding groove defined in the outer  
19 periphery of the inner tube along a longitudinal axis and the enclosure has a guide  
20 formed on an inner face of the enclosure to be received in the guiding groove such that  
21 movement of the inner tube relative to the outer tube is smooth.

22 8. A locking device in combination with a telescopic tube assembly, wherein  
23 the telescopic tube assembly comprising:

24 an outer tube; and

25 an inner tube slidably received in the outer tube and having multiple

1        adjusting recesses defined in an outer periphery of the inner tube;

2        the locking device comprising:

3                an enclosure partially securely mounted on a peripheral edge of the  
4        outer tube and having a lever pivotally connected to the enclosure, a first space  
5        defined in a side face of the enclosure to receive the lever, a second space  
6        defined in the enclosure to be opposite to the first space to receive therein an  
7        abutting block to engage with the outer periphery of the inner tube;

8                a bolt screwingly extended through the enclosure to abut an outer  
9        periphery of the abutting block to force the abutting block to engage with the  
10       outer periphery of the inner tube so as to secure position of the inner tube  
11       relative to the outer tube; and

12               a positioning rod securely connected to a side of the lever to be driven  
13       by the lever and having a head formed on a free end of the positioning rod to  
14       correspond to one of the adjusting recesses of the inner tube such that pivotal  
15       movement of the lever is able to drive the head of the positioning rod to  
16       selectively move away from the corresponding adjusting recess to allow the  
17       inner tube to move relative to the outer tube.

18        9. The locking device in combination with a telescopic tube assembly as  
19       claimed in claim 8, wherein the enclosure has a first hole in communication with the  
20       first space to receive therein the positioning rod such that the positioning rod is able to  
21       move inside the first hole and a second hole in communication with the second space to  
22       allow an extension of the bolt into the second space.

23        10. The locking device in combination with a telescopic tube assembly as  
24       claimed in claim 9, wherein a spring is mounted around the positioning rod to provide a  
25       recoil force to the positioning rod to return the positioning rod to its original position

1 after being driven by the lever to leave the corresponding adjusting recess.

2 11. The locking device in combination with a telescopic tube assembly as  
3 claimed in claim 10, wherein a spring is mounted around the positioning rod to provide  
4 a recoil force to the positioning rod to return the positioning rod to its original position  
5 after being driven by the lever to leave the corresponding adjusting recess.

6 12. The locking device in combination with a telescopic tube assembly as  
7 claimed in claim 10, wherein the inner tube has a guiding groove defined in the outer  
8 periphery of the inner tube along a longitudinal axis and the enclosure has a guide  
9 formed on an inner face of the enclosure to be received in the guiding groove such that  
10 movement of the inner tube relative to the outer tube is smooth.

11 13. The locking device in combination with a telescopic tube assembly as  
12 claimed in claim 11, wherein the inner tube has a guiding groove defined in the outer  
13 periphery of the inner tube along a longitudinal axis and the enclosure has a guide  
14 formed on an inner face of the enclosure to be received in the guiding groove such that  
15 movement of the inner tube relative to the outer tube is smooth.

16 14. The locking device in combination with a telescopic tube assembly as  
17 claimed in claim 8, wherein a boss is integrally formed on the outer periphery of the  
18 inner tube to be engage with a peripheral side of the outer tube to prevent excessive  
19 movement of the inner tube relative to the outer tube.

20 15. The locking device in combination with a telescopic tube assembly as  
21 claimed in claim 9, wherein a boss is integrally formed on the outer periphery of the  
22 inner tube to be engage with a peripheral side of the outer tube to prevent excessive  
23 movement of the inner tube relative to the outer tube.

24 16. The locking device in combination with a telescopic tube assembly as  
25 claimed in claim 10, wherein a boss is integrally formed on the outer periphery of the

1 inner tube to engage with a peripheral side of the outer tube to prevent excessive  
2 movement of the inner tube relative to the outer tube.

3 17. The locking device in combination with a telescopic tube assembly as  
4 claimed in claim 11, wherein a boss is integrally formed on the outer periphery of the  
5 inner tube to engage with a peripheral side of the outer tube to prevent excessive  
6 movement of the inner tube relative to the outer tube.

7 18. The locking device in combination with a telescopic tube assembly as  
8 claimed in claim 12, wherein a boss is integrally formed on the outer periphery of the  
9 inner tube to engage with a peripheral side of the outer tube to prevent excessive  
10 movement of the inner tube relative to the outer tube.

11 19. The locking device in combination with a telescopic tube assembly as  
12 claimed in claim 13, wherein a boss is integrally formed on the outer periphery of the  
13 inner tube to engage with a peripheral side of the outer tube to prevent excessive  
14 movement of the inner tube relative to the outer tube.